

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Marvin E. Haddock

Serial No.: Unknown

Filed: September 15, 2003

For: MULTI-STAGE ENGINE COOLANT  
RECYCLING APPARATUS AND  
PROCESS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: RECC:002USC2

EXPRESS MAIL MAILING LABEL	
NUMBER	EV 323282926 US
DATE OF DEPOSIT	September 15, 2003

**INFORMATION DISCLOSURE STATEMENT**

**MS PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

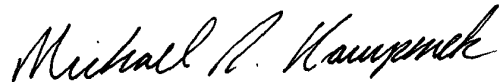
In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/RECC:002USC2.

This application is a continuation application of Serial No. 09/845,099, filed April 27, 2001 and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) copies of the listed documents are not enclosed as they have been previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/845,099.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,



Michael R. Krawzsenek  
Reg. No. 51,898  
Attorney for Applicant

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: September 15, 2003

Form PTO-1449 (modified)		Atty. Docket No. RECC:002USC2	Serial No. Filed Concurrently
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Marvin E. Haddock	
		Filing Date: September 15, 2003	Group: Unknown
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	3,931,342	01/06/76	Sheng	260	637	5/31/74
	A2	4,080,247	03/21/78	Malakul	159	17R	3/15/76
	A3	4,946,595	08/07/90	Miller, Jr.	210	651	9/9/88
	A4	4,996,874	03/05/91	Colomer <i>et al.</i>	73	118.1	10/16/89
	A5	5,167,826	12/01/92	Eaton	210	651	7/3/91
	A6	4,427,507	1/24/84	van Aken <i>et al.</i>	204	151	10/6/82
	A7	4,808,287	2/28/89	Hark	204	182.5	12/21/87
	A8	5,558,775	9/24/96	Busch, Jr.	210	638	11/1/94
	A9	5,817,889	10/6/98	Pondebat <i>et al.</i>	568	679	10/27/94
	A10	5,037,588	8/91	Kalnins	210	702	
	A11	5,194,159	3/16/93	George <i>et al.</i>	210	500.41	12/18/91
	A12	4,443,337	4/17/84	Otani <i>et al.</i>	210	602	2/25/82
	A13	5,139,678	8/18/92	Frederick, Jr. <i>et al.</i>	210	195.2	5/14/90

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Baryon Environmental brochure entitled: "Clarifies Wastewater,".
	C2	Eaton <i>et al.</i> , "Modern Reverse Osmosis Recycling of Used Engine Coolant," SAE Technical Paper Series 971773, 1997.

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EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C3	Eaton, "Engine Reliability Experience of Mixed Vehicle Fleets Operating on Engine Coolant Recycled with Reverse Osmosis Technology," SAE Technical paper Series 962239, 1996.
	C4	Flow Schematic (Continuous) Baryon Model No. RCLM-05/AD (1-6 GPM Capacity).
	C5	Haddock and Eaton, "Recycling used engine coolant using high-volume stationary, multiple technology equipment," <i>Engine Coolant Testing, Fourth Volume, ASTM STP 1335</i> , R. E. Beal, Ed., American Society for Testing and Materials, pp. 251-260, 1999.
	C6	Huff, "Using Reverse Osmosis to Recycle Engine Coolant," SAE Technical Paper Series 921635, 1992.
	C7	Product Bulletin, Conoco.
	C8	VORTOIL® Separation Systems brochure entitled: "deoiling," Advancing Separation Solutions™.
	C9	VORTOIL® Separation Systems Operations & Maintenance manual Vortoil L-Liner Separator, Document No. 6803, Rev. 2, August 1995.
	C10	VORTOIL® Separation Systems.

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